

ANNUAL

OF THE

SYRACUSE UNIVERSITY

FOR THE

COLLEGIATE YEAR

1883-84.

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MDCCCLXXXIII.



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William Augustus Mehan,	c. <i>Mechanicsville</i> , 26 Gazelle.
Frank Wilbur Merrick,	c. <i>Steuben</i> , 53 Lemon.
Howard Dixon Mitchell,	c. e. <i>Hot Springs, Ark.</i> 173 Adams.
Frank Meredith Moore,	l. s. <i>Syracuse</i> , 129 W. Genesee.
Rose Edgerlie Pindar,	c. <i>Lima</i> , 640 Irving.
George Norman Price,	c. e. <i>Mendota, Ill.</i> ,
Henry Walter Pritchard,	s. <i>Corning</i> , 210 E. Fayette.
Mary Willis Safford,	l. s. <i>Syracuse</i> , 5 S. Onondaga.
Emmons Harvey Sanford,	c. <i>Oneonta</i> , 106 Harrison.

Carrie Elizabeth Sawyer,	c. <i>Syracuse</i> , 98 University A.
Robert Judson Scott,	c. <i>Prattsburg</i> , 4 W. Castle.
Eva Garnsey Seaman.	c. <i>Schenectady</i> , 334 Chestnut.
Frederick Bemister Shepherd,l.	s. <i>Adams</i> , 231 Madison.
Fanny Celestia Tousey,	s. <i>Syracuse</i> , 613 Irving.
Judson L. Transue,	c. <i>Bellona</i> , 228 Madison.
Seward Transue,	c. <i>Bellona</i> , 22 Quince.
Frank Dean Tubbs,	c. <i>Mexico</i> , 173 Adams.
Montane Turtelot,	c. <i>Herkimer</i> , 53 Lemon.
Pill Ernest Turtelot.	c. <i>Herkimer</i> , 53 Lemon.
Emily Gertrude Weegar,	s. <i>Akron, O.</i> , 626 Irving.
Charles Harper Wilder,	c. <i>Rochester</i> , 90 University A.

UNCLASSIFIED.

George Matthew Brown,	c. <i>Knoxboro</i> , 9 Marshall.
Courtenay DeKalb,	s. <i>Frederick, Md.</i> , Jervis House.
Charles Oliver Dewey,	c. <i>Binghamton</i> , 59 Univ. Ave.
Carrie Rouse Fisher,	s. <i>Adams</i> , 195 East Fayette.
William Robinson Gruffuth,	<i>Utica</i> ,
Nellie Rose Eldred Hand,	c. <i>Clyde</i> , 5 Green.
George Edwin Higgins,	<i>Memphis</i> ,
Jennie Louise Johnson,	<i>Newark, N. J.</i> , Ostrom A.
Eliza J. Leyden,	<i>Syracuse</i> , 316 Mulberry.
Francis Conrad Osborn,	c. <i>Manlius Station</i> , 25 Gazelle.
Rowland Charles Price,	s. <i>Syracuse</i> , 112 W. Genesee.
Mary Lincoln Quivey,	<i>Baldwinsville</i> , 157 E. Wash.
Frederick Brown Sackett,	l. s. <i>S. Plymouth</i> , 620 Chestnut.
Emma Letitia Turner,	c. <i>New Baltimore</i> , 731 Irving.
Frank Lyon Wheaton,	<i>Camillus</i> .
Adela E. White,	<i>Pittston, Pa.</i> , 47 E. Onon.

COLLEGE OF MEDICINE.

FACULTY
OF THE
COLLEGE OF MEDICINE,

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

JOHN TOWLER, M.D.,
Emeritus Professor of Chemistry.

CHAS. E. RIDER, M.D.,
Emeritus Professor of Ophthalmology.

FREDERICK HYDE, M.D., DEAN,
Professor of Principles and Practice of Surgery.

HENRY D. DIDAMA, M.D.,
*Professor of Principles and Practice of Medicine and Clinical
Medicine.*

NELSON NIVISON, M.D.,
Professor of Physiology, Pathology and Hygiene.

WILFRED W. PORTER, M.D.,
Professor of Obstetrics and Gynecology.

WILLIAM T. PLANT, M.D., REGISTRAR,
Professor of Diseases of Children and Clinical Medicine.

ROGER W. PEASE, M.D.,
Professor of Operative and Clinical Surgery.

ALFRED MERCER, M.D., TREASURER,
Professor of Minor and Clinical Surgery.

WM. MANLIUS SMITH, M.D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M.D.,
Professor of Ophthalmology and Otology.

J. GILBERT JUSTIN, M.D., LIBRARIAN,
Professor of Forensic Medicine.

GAYLORD P. CLARK, M.D.,
Professor of Anatomy.

DAVID M. TOTMAN, M.D.,
Lecturer on Physiology.

A. CLIFFORD MERCER, M.D., CURATOR,
Lecturer on Microscopy and Histology,

WILLIAM H. DUNLAP, M.D.,
Lecturer on Materia Medica and Therapeutics.

FREDERICK W. SMITH, M.D.,
Instructor in Anatomy.

HENRY L. ELSNER, M.D.,
Instructor in Practice of Medicine.

JOHN C. HEFFRON, M.D.,
Instructor in Histology.

CENSORS.

C. S. STARR, M.D., Rochester.

R. M. MOORE, M.D., Rochester.

HENRY B. ALLEN, M.D., Baldwinsville.

STUDENTS.

THIRD YEAR—'84.

Abbie M. Adams,	.	.	.	.	Wisconsin.
Willis G. Babcock,	.	.	.	.	New York.
Frank O. Bright,	.	.	.	.	" "
Vincent A. Crandall, B. S.,	.	.	.	.	" "
Nathaniel A. Cavenor,	.	.	.	.	" "
Anna F. Crowell,	.	.	.	.	" "
Reuben C. Hanchett,	.	.	.	.	" "
James O. Longstreet,	.	.	.	.	" "
Dwight H. Murray,	.	.	.	.	" "
Calvin B. Stevens,	.	.	.	.	" "
Herbert W. Swartz,	.	.	.	.	" "

SECOND YEAR.

Frank A. Adams,	.	.	.	.	New York.
F. E. Bruce,	.	.	.	.	" "
F. C. Drake,	.	.	.	.	" "
Frank D. Finley,	.	.	.	.	" "
Edward C. Johnson,	.	.	.	.	" "
Herbert B. Martin,	.	.	.	.	" "
Earll W. Smith,	.	.	.	.	" "
Lucius H. Smith,	.	.	.	.	" "
Otto A. Thomas,	.	.	.	.	" "

FIRST YEAR.

F. A. Augur,	.	.	.	.	New York.
William B. Coats,	.	.	.	.	" "
William A. Cahill,	.	.	.	.	" "

Mary E. Carleton,	.	.	.	.	New York.
Emory A. Didama,	.	.	.	.	" "
Myra A. Gillette,	.	.	.	.	" "
Edward L. Johnson,	.	.	.	.	" "
Ray Lyons,	.	.	.	.	Penn.
Adelbert W. Marsh,	.	.	.	.	New York.
James F. Michel,	.	.	.	.	" "
Arthur E. Mink,	.	.	.	.	" "
E. S. Maxson, A. B.,	.	.	.	.	" "
Hartman L. Oberlander,	.	.	.	.	" "
Harry H. Pease,	.	.	.	.	" "
Wheelock Ryder, B. S.,	.	.	.	.	" "
Wallace D. Russell,	.	.	.	.	" "
John W. Scott,	.	.	.	.	" "
Mary E. Stewart,	.	.	.	.	" "
William C. Todt,	.	.	.	.	" "
Herman C. Van Horne,	.	.	.	.	" "
Will A. Washburn,	.	.	.	.	" "





COLLEGE OF FINE ARTS.

FACULTY
OF THE
COLLEGE OF FINE ARTS.

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

GEORGE F. COMFORT, A.M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SHULTZE, MUS.D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M.P.,
Professor of Drawing.

GEORGE A. PARKER,
Professor of the Piano.

ISAAC V. FLAGLER,
Instructor upon the Organ.

KATE E. STARK,
Instructor in Vocal Music.

WARD V. RANGER,
Instructor in Photography.

HIRAM S. GUTSELL, A. M., B. P.,
Instructor in Modeling and Etching.

GEORGE H. LIDDLE, B. P.,
Instructor in Perspective Drawing and Architectural Drafting.

E. ELY VAN DE WARKER, M.D.,
Lecturer on Artistic Anatomy.

STUDENTS.

POST-GRADUATES.

			City Address.
Caroline Ida Gilger, B. M.,	p. m.	<i>Syracuse,</i>	31 Gertrude.
Charlotte Neil Hardee, B. M.,	m.	<i>Cazenovia,</i>	237 Madison.
Silas Day Loughmiller, B. Ar.,	p.	<i>New Albany, Ind.,</i>	228 Mad.

SENIOR CLASS.

DeResco Augsburg,	p.	<i>Theresa,</i>	142 E. Jefferson.
Harriet Amelia Blakeslee,	m.	<i>Syracuse,</i>	179 E. Fayette.
Cornelia Lydia Brown,	p.	<i>Cortland,</i>	522 Chestnut.
Izora Cecilia Chandler,	s. p.	<i>Lockport,</i>	182 E. Adams.
Silas Gildersleeve Comfort,	ar.	<i>Syracuse,</i>	110 E. Genesee.
Nettie Alida Currey,	m.	<i>Oswego,</i>	420 Chestnut.
Fanny English,	s. p.	<i>Seneca Falls,</i>	21 Gazelle.
Ruth Elizabeth Guibault,	m.	<i>Syracuse,</i>	711 Chestnut.
Nellie Lake,	m.	<i>Syracuse,</i>	26 E. Onondaga.
Maude Genevieve Reynolds,	p.	<i>Chicago, Ill.,</i>	182 E. Adams.

JUNIOR CLASS.

Charles Wesley Augustus Ball,	m.	<i>Tully,</i>	265 E. Genesee.
Hattie Marshall Barnes	s. m.	<i>Oswego,</i>	62 Warren.
Elizabeth Bowne Chapman,	m.	<i>Syracuse,</i>	249 Madison.
Bolton Coit Brown,	p.	<i>Ithaca,</i>	140 Harrison.
Gertrude Miranda Dada,	m.	<i>Fulton,</i>	168 E. Adams.
Sarah Gardner,	s. m.	<i>Syracuse,</i>	63 E. Fayette.
Betsy Jane Gutsell,	p.	<i>Conquest,</i>	128 1/2 Harrison.

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar. or s. m. indicates that the student is taking a Special Course in Painting, Architecture or Music, respectively.

			City Address.
Carrie Parke Jones,	m.	<i>Chittenango,</i>	79 Irving.
Sara Miranda Maxson, B. Ph.	p.	<i>Syracuse,</i>	208 Madison.
Della Celia Mills,	m.	<i>Syracuse,</i>	25 Locust.
Kate Bennett Morgan, s. p., s. m.		<i>Rochester,</i>	731 Irving.
Lola Reynolds,	p.	<i>Syracuse,</i>	182 E. Adams.
Clara Elizabeth Sargent,	m.	<i>Ilion,</i>	92 Univ. Ave.
Jessie Louise Shipman,	m.	<i>Elmira,</i>	629 Irving.
Mary Dumont Sims,	s. m.	<i>Syracuse,</i>	Univ. Ave.
Emma Augusta Smith,	s. m.	<i>Meridian,</i>	7 Cedar.
Ida Potter Smith,	m.	<i>Syracuse,</i>	5 Baker.
Ida Maria Steingrebe,	m.	<i>Syracuse,</i>	55 Union.
Annie Tanner	m.	<i>Cortland,</i>	35 Univ. Ave.
Nellie Augusta Sweet,	p., s. m.	<i>Cicero,</i>	232 Madison.
Roscoe Conkling Yourdon,	s. m.	<i>Northwestern,</i>	265 E. Gen.

SOPHOMORE CLASS.

Abbie Adelia Baldwin,	m.	<i>Syracuse,</i>	65 E. Jefferson.
Minnie Adelle Barney,	p.	<i>Syracuse,</i>	15 Merriman Av.
Mary Jennette Beck,	s. m.	<i>Oswego.</i>	
Martha Louisa Blaine,	p.	<i>Seattle, W. Ter.</i>	167 E. Adams.
Katharine Augusta Bridges,	s. p.	<i>Syracuse,</i>	730 Irving.
Anna Bell Casey,	p.	<i>Syracuse,</i>	117 Burnet.
Mary Octavia Caven,	p.	<i>Syracuse.</i>	28 Baker.
Nellie Florence Chamberlayne,	s. p.	<i>Olean,</i>	168 E. Adams.
Charles Kortright Clark,	s. m.	<i>Pulaski.</i>	
Margaret May Clarke,	s. m.	<i>Elbridge.</i>	
Mary Grace Comfort,	p., s. m.	<i>Syracuse,</i>	110 E. Genesee.
Caroline Hill Crawford,	m.	<i>Syracuse,</i>	15 Shonnard.
Mary Winona Dennis,	s. m.	<i>Syracuse,</i>	210 Madison.
Flora Drescher,	s. m.	<i>Syracuse,</i>	57 Union.
Cora Edith Dyer,	p.	<i>Hampton,</i>	66 Spruce.
William Young Foote,	s. m.	<i>Jamesville,</i>	42 E. Fayette.
Agnes Emma Foster,	s. p.	<i>Palmyra,</i>	142 E. Jefferson.
Elizabeth May Hall,	p.	<i>Syracuse,</i>	66 Spruce.
Minnie Bell Harrington,	p., s. m.	<i>Syracuse,</i>	180 E. Adams.

		City Address.
Ann Algeria Howell,	s. p.	<i>Palmyra</i> , 142 E. Jefferson.
George Huntington,	m.	<i>Homer</i> , 179 E. Fayette.
Cora Bell Lyon,	p.	<i>Palmyra</i> , 142 E. Jefferson.
Edgar Stanton Maclay,	s. m.	<i>Yokohama, Jap.</i> , 104 U. Av.
Eugene Cecil Olcott,	p.	<i>Syracuse</i> , 18 North West.
Mary Edith Orr,	p.	<i>Syracuse</i> .
Florence May Palmer,	s. m.	<i>Syracuse</i> , 49 E. Avenue.
Lucie Albertine Park,	s. m.	<i>Bangor Me.</i> 14 Cedar.
Emma Louisa Parkinson,	m.	<i>Sauquoit</i> , 203 E. Fayette.
Clara Porter,	s. m.	<i>Geddes</i> ,
Theo Price,	p.	<i>Mendota, Ill.</i> , 629 Irving.
Elmer Joseph Read,	p.	<i>Bradford</i> , 187 Madison.
Eva Adelaide Seymour,	m.	<i>Syracuse</i> , 129 Harrison.
Anna Bradford Sheldon,	m.	<i>Oswego</i> .
Mary Manuella Stewart,	m.	<i>Brooklyn</i> , 28 Chestnut.
Anna Hemans Smith,	m.	<i>Syracuse</i> , 12 Gazelle.
Carrie May Taylor,	m.	<i>Mooers</i> .
Jessie Rankin Tyler,	m.	<i>Syracuse</i> , 34 Shonnard.
Harriet Way,	m.	<i>Syracuse</i> , 34 Madison.
Clara Blackstone Wheeler,	s. p.	<i>Adams</i> , 636 Irving.
Jennie Emma Whitney,	s. m.	<i>Mexico</i> , 325 Irving.
Mary Susan Wilcox,	p.	<i>Bradford, Pa.</i> 522 Ches't.
Lilly Louisa Winters,	s. p.	<i>Syracuse</i> , 2 Britcher Block.

FRESHMAN CLASS.

Hattie Laura Armstrong,	s. m.	<i>Camillus</i> ,
Hattie Prior Baldwin,	s. p.	<i>Bradford, Pa.</i> , 178 E. F'tte.
Minnie J. Henrietta Baumgras,	s. m.	<i>Syracuse</i> , 205 Lock.
Arlotta Matilda Beal,	s. p.	<i>E. Palmyra</i> , 142 E. Jeff'sn.
Addie Mary Bliss,	m.	<i>Peterboro</i> , 142 E. Jeff'sn.
Jerusha Blue,	s. m.	<i>Syracuse</i> , 729 Irving.
Jean Brown,	s. m.	<i>Elmira</i> , 629 Irving.
Anna Calthrop,	s. m.	<i>Brighton</i> .
Mattie Carns,	s. m.	<i>Slaterville</i> , 38 Lemon.
Mary Lucretia Cobb,	m.	<i>Carthage</i> , 21 Gazelle.

			City Address.
Anna Collier,	s. m.	<i>Chittenango.</i>	
Lillian Emma Downing,	s. m.	<i>Syracuse,</i>	12 Gazelle.
George Byron Deuel,	s. m.	<i>Saratoga,</i>	228 Madison.
William Grant Egbert,	s. m.	<i>Danby,</i>	12 Grace.
Lillian May Fairchild,	m.	<i>Cortland,</i>	78 Kirkpatrick.
Lena Fobes,	s. m.	<i>Syracuse,</i>	163 James.
Jennie Holliday Godfrey,	s. m.	<i>Syracuse,</i>	320 Chestnut.
Helen Jane Grange,	m., s. p.	<i>Napanee, Ont.,</i>	610 Ches'nt.
Theresa Gutstadt,	s. m.	<i>Syracuse,</i>	5 Granger Place.
Wilhelmine Hagermann,	s. m.	<i>Syracuse,</i>	114 South West.
Gates Hamburger,	s. m.	<i>Syracuse,</i>	138 E. Jefferson.
Matie Lee Hart,	s. p., s. m.	<i>Foxbury, Pa.,</i>	638 Ches'nt.
Hiram Barnett Hawley,	ar.	<i>Syracuse,</i>	53 E. Onondaga.
Bertha Hoffmann,	s. m.	<i>Syracuse,</i>	140 Hawley.
Frank Robert Holmes,	s. m.	<i>Central Square.</i>	
Agnes Elizabeth Humphries,	s. m.	<i>Syracuse,</i>	69 McBride.
Jennie Louise Johnson,	s. m.	<i>Newark N. J.,</i>	Ost. Ave.
Lilly Jordan,	m.	<i>Syracuse,</i>	52 Union.
Jennie Charlotte Lathrop,	s. p.	<i>Syracuse,</i>	246 E. Genesee.
Charles Francis Lighton,	ar.	<i>Syracuse,</i>	95 E. Wash'gton.
Mary Ellen Lighton,	p.	<i>Syracuse,</i>	8 Catherine.
Hattie Adeline Long,	s. m.	<i>Syracuse,</i>	14 Yates Ter'ce.
Marie Louise Meyer,	s. p., s. m.	<i>Boston, Mass.</i>	4 Gr'way Pl.
May Bunnell Morgan,	s. m.	<i>Lima,</i>	731 Irving.
Jane Theresa Myers,	s. m.	<i>Syracuse,</i>	27 Seymour.
Elizabeth Jennie Nims,	s. p.	<i>Syracuse,</i>	125 Warren.
Mary Josephine Ohlheiser,	s. m.	<i>Auburn,</i>	
Ella Minerva Pardoe,	m.	<i>Oneonta,</i>	97 Irving.
Harriet Patchen,	s. p.	<i>Dryden,</i>	247 Madison.
Mary Frances Pinckney,	s. m.	<i>S. Onondaga,</i>	156 E. Fay'te.
Kate Lemina Pond,	s. m.	<i>Knoxboro,</i>	142 E. Jefferson.
Ida May Reese,	m.	<i>Centreville,</i>	9 Wesleyan b'k.
George Rexford Russell,	s. m.	<i>Ilion,</i>	231 Madison.
Wallace Delos Russell,	s. m.	<i>Russia,</i>	12 Gazelle.
Etta Medora Sheldon,	m.	<i>Syracuse,</i>	119 Montgomery.
Laura Austin Sheldon,	s. m.	<i>Oswego,</i>	44 Chestnut.

City Address.

Martha Schultze,	s. m.	<i>Syracuse,</i>	4 Greenway Pl.
Carl Schwartz,	s. m.	<i>Cortland,</i>	
Margaret Ann Sexsmith,	s. m.	<i>Wolcott,</i>	66 Almond.
Orinda Jane Sexsmith,	t. m.	<i>Wolcott,</i>	66 Almond.
Anna Granger Sherwood,	s. p.	<i>Canandaigua</i>	728 Chestnut.
Mariam Sloss,	s. m.	<i>Syracuse,</i>	123 Montgom'y.
Clara May Smith,	s. m.	<i>Cicero,</i>	
Clara Stone,	p.	<i>Scriba,</i>	257 E. Fayette.
Priscilla Dilkes Stratton,	s. m.	<i>Buffalo,</i>	Jervis House.
Anna Belden Velasko,	s. m.	<i>Syracuse,</i>	Wells Block.
Alice Aurelia Webster,	s. m.	<i>Apulia,</i>	
Anna Belle Webster,	s. m.	<i>Apulia,</i>	
May Leonora Weeks,	s. m.	<i>Skaneateles,</i>	
Edward De Forest White,	s. m.	<i>Sprout Brook,</i>	92 Univ. Av.
Yetta Weismann,	s. m.	<i>Syracuse,</i>	52 Mulberry.

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

Annie Louise Barton,	<i>Syracuse,</i>	410 Irving.
Florence Ida Barton,	<i>Syracuse,</i>	410 Irving.
Tina Baumer,	<i>Syracuse,</i>	260 N. Salina.
Ida Clara Beebe,	<i>South Richland,</i>	
Belle Louise Booth,	<i>Wolcott,</i>	35 Univ. Av.
Belle Bowen,	<i>Tyre,</i>	92 Univ. Av.
Anna Dickinson Brooks,	<i>Bernhard's Bay,</i>	647 Irv'g.
Alice Myrtan Brown,	<i>Apulia,</i>	
Minnie Elizabeth Curtis,	<i>Syracuse,</i>	9 Cedar.
Clara Louise Fisk,	<i>Oswego,</i>	
Leone Adelle Fitch,	<i>Lowville,</i>	85 Univ. Av.
Charlotte Goldstein,	<i>Syracuse,</i>	43 Harrison.
Nelly Jennette Halliday,	<i>Onondaga Valley,</i>	
May Gwin Hamblen,	<i>Hot Springs, Ark.</i>	96 U. Av.

	City	Address.
Alexander Godfred Hoeffler,	<i>Syracuse,</i>	38 Belden Av.
Clara Louise Jones,	<i>Syracuse,</i>	318 Irving.
Louise Lizzie Jones,	<i>Ithaca,</i>	35 Seymour.
Carrie Eugenia Kennedy,	<i>Camillus,</i>	
Thomas Dimmock Leonard,	<i>Syracuse,</i>	230 Madison.
Susan Lesser,	<i>Syracuse,</i>	82 E. Jefferson.
Minnie Levi,	<i>Syracuse,</i>	126 E. Jefferson.
Marietta Logan,	<i>Syracuse,</i>	15 Yates Ter'ce.
Anna Adelaide Marion,	<i>Syracuse,</i>	610 Chestnut.
Fannie Belle Ripson,	<i>Pulaski,</i>	
Bertha Sabin Sawyer,	<i>Syracuse,</i>	98 Univ. Av.
Rachel Shevelsohn,	<i>Syracuse,</i>	32 Cedar.
Georgie Adelaide Slade,	<i>Kelloggsville,</i>	15 Shonnard.
Blanche Stevens,	<i>Syracuse,</i>	143 E. Genesee.
Grace Greenwood Sweeting,	<i>South Butler,</i>	520 Chestn't.
Edith Grace Van Doren,	<i>Meridian,</i>	
Demetrius William Van Schoick,	<i>Danforth,</i>	267 Mulberry.
Lulu Jessie Wallace,	<i>Syracuse,</i>	46 Burnet.
Jennie Emma Weller,	<i>Lafayette,</i>	22 Furman.
Adela Evarts White,	<i>Pittston, Pa.</i>	47 E. Onond'a.
Jessie Eloise Whitman,	<i>Onondaga Valley.</i>	



SUMMARY OF STUDENTS.

COLLEGE OF LIBERAL ARTS.

Senior Class,	-	-	-	-	24
Junior Class,	-	-	-	-	31
Sophomore Class,	-	-	-	-	62
Freshman Class,	-	-	-	-	55
Unclassified,	-	-	-	-	16 — 188

COLLEGE OF MEDICINE.

Third Year,	-	-	-	-	11
Second Year,	-	-	-	-	9
First Year,	-	-	-	-	21 — 41

COLLEGE OF FINE ARTS.

Post-Graduate Students,	-	-	-	3	
Senior Class,	-	-	-	-	10
Junior Class,	-	-	-	-	21
Sophomore Class,	-	-	-	-	42
Freshman Class,	-	-	-	-	61 — 137
Gymnasial Students in Music.	-	-	-	35	
				401	
Counted Twice,	-	-	-	8	
				393	
Total,	-	-	-	393	

DEGREES CONFERRED

BY THE

UNIVERSITY IN 1883.

Doctor of Laws.

Hon. William C. Ruger, (Chief Judge of Court of Appeals,) Syracuse.

Doctor of Divinity.

Rev. Henry Graham,	Gloversville.
Rev. Jesse L. Hurlbut,	Plainfield, N. J.
Rev. Richard Wheatley,	Katonah.

Doctor of Philosophy.

[Conferred only upon Examination.]

Rev. LaFayette Congdon, A. M., (Ethical Philosophy)	Wolcott.
Prof. Charles A. Gardiner, A. M., (Constitutional History)	Hamilton.
Rev. Curtis E. Mogg, A. M., (Evidences of Christianity)	Liverpool.
Rev. Geo. B. Stevens, A. M., (Evidences of Christianity)	Watertown.
Prof. Frank N. Thorpe, A. M., (American History)	North East, Pa.
Prof. Nathaniel M. Wheeler, A. M., (Greek and Philology)	Appleton, Wis.

Master of Arts.

Elmer V. Aldridge, (upon Exam. in Spanish Lang. and Literature)	
Charles A. Gardiner (	Constitutional History)
Ada J. Todd, (	Greek)
John D. Belknap, (in course)	Albert S. Congdon, (in course)
Theron R. Green, "	Hiram S. Gutsell, "
Fox Holden, "	Albert C. Loucks, "
John T. Roberts, "	Martin R. Sackett, "
Benjamin J. Shove, "	Wilbur S. Smithers, "
Charles W. Super.	

Master of Philosophy.

Eloise Holden Nottingham, (In course.)

Master of Science.

George A. Bates, (In course.)

Wilbur W. Alden, (On examination in Physical Science.)

Bachelor of Arts.

De Forest O. Chamberlayne,
John S. Gibson,
Watson S. Hawkins,
William O. Mann,
Edwin S. Maxson,
Charles F. Sitterly,
Charles M. Turton,

Celia Ford,
James Devine,
John D. Jamison,
Harry N. Marvin,
Duncan M'C. Schell.
Lydia M. Thomsen,
Warren W. Walsworth,

George E. Zartman.

Bachelor of Philosophy.

Ella L. Boomer,
Minnie E. Curtiss,
Mary E. Griffin,
Edward S. Hunt,
Sara M. Maxson.

Mary S. Clark,
Robert H. Gere,
Everard A. Hill,
Edwin S. Maxson,
Henry H. Pease,

Frances C. Shoecraft.

Doctor of Medicine.

Albert A. Aldrich,
Dugrand D. Erway,
George N. Hall,
Herbert J. Nims,
Scott Owen,
Ralph H. Watkins,

Alexander J. Campbell,
Edward H. Galloway,
William H. Maynard,
Thomas G. Nock, Jr.,
Richard J. Stanton,
Fred H. Welles.

Bachelor of Painting.

Stella C. Jones,

Helena C. Reymon,

Katharina D. Smith Reynolds.

Bachelor of Music.

Kate S. Burr,

Henry R. Fuller,

Charles F. Thomsen.

ALUMNI ASSOCIATION.

OFFICERS FOR 1883-4.

PRESIDENT.

EDWIN NOTTINGHAM, Ph. B., Syracuse.

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Rev. J. T. BROWNELL, A. M., Auburn.
Mrs. KATE HOGOBOOM GILBERT, M. S., Syracuse.

CORRESPONDING SECRETARY.

Mrs. ELOISE HOLDEN NOTTINGHAM, M. Ph., Syracuse.

RECORDING SECRETARY.

Prof. W. A. BROWNELL, Ph. D., Syracuse.

TREASURER.

Miss ELLA I. FRENCH, MUS. B., Syracuse.

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WILLIAM NOTTINGHAM, Ph. D., Syracuse.
EDWIN NOTTINGHAM, Ph. B., Syracuse.
Rev. C. C. WILBOR, Ph. D., Syracuse.

GENERAL INFORMATION.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are,

- I. THE COLLEGE OF LIBERAL ARTS.
- II. THE COLLEGE OF MEDICINE.
- III. THE COLLEGE OF FINE ARTS.

They are all open for the admission of women on the same terms as men.

BUILDINGS AND GROUNDS.

The large and elegant building occupied by the Colleges of Liberal Arts and of Fine Arts stands on a beautiful site, containing fifty acres, within the city limits and commands a magnificent view of city, lake, and surrounding country.

The College of Medicine occupies suitable buildings near the center of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University ; but indicates a reciprocity of kind offices. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College at Claverack ;
Cazenovia Seminary at Cazenovia ; Ives Seminary at Antwerp ;

Onondaga Academy at Onondaga Valley; and Yates Union School at Chittenango.

LIBRARIES.

The General Library contains about 12,000 carefully selected volumes, and is open daily except Sundays. A Reading Room abundantly supplied with current literature is connected with it. Students are permitted to use these without extra charge.

The Library of the College of Medicine is kept in its building.

MUSEUM.

The University is in possession of the College Series of Wards' Casts of Geological Specimens, handsomely mounted and exhibited. It has also purchased from Prof. Ward a collection of minerals and nearly three hundred selected rocks, many of them from various localities in Europe, and together illustrating excellently the subjects of mineralogy and lithology.

The Curator of the State Cabinet of Natural History, Prof. James Hall, LL. D., has, by direction of the State Legislature, selected and sent to our Museum a large variety of geological specimens.

Many individuals have contributed valuable collections, containing altogether several hundred specimens, comprising minerals, rocks, fossils, shells, mounted animals, and specimens of woods. The Onondaga Historical Association has placed in the care of the University its entire Cabinet, which is advantageously displayed in the Museum. This collection is especially rich in shells and corals.

The Medical College has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the *Materia Medica*. The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University now receives annually about \$10,000 from its invested funds and \$7,000 from Conference Professorships.

The William Penn Abbott Professorship has been endowed in the sum of \$40,000 by the payment of \$20,000 by Mr. John D. Slayback, and \$10,000 each, by Mrs. W. P. Abbott and Mr. O. H. P. Archer, all of New York City.

The Northern New York, Troy, Wyoming, Genesee and Central New York Conferences, have each undertaken the maintenance and endowment of a Conference Professorship.

SCHOLARSHIPS.

In February, 1882, the Trustees authorized the establishment of fifty \$1,000 perpetual scholarships, in which the University agrees to expend forever the accruing interest in tuition for worthy, needy students. Nine of these scholarships have already been established.

DEGREES.

The University confers the following Degrees upon those who satisfactorily complete the respective courses of study.

For the Classical Course, *Bachelor of Arts*; the Latin Scientific, or Greek Scientific Course, *Bachelor of Philosophy*; the Scientific Course, *Bachelor of Science*; the Civil Engineering Course, *Bachelor of Civil Engineering*; the Course in Architecture, *Bachelor of Architecture*; the Course in Painting, *Bachelor of Painting*; the Course in Music, *Bachelor of Music*; the Course in Medicine, *Doctor of Medicine*.

The degree of Doctor of Philosophy will be conferred only upon those who pass satisfactory examinations upon the post-graduate studies required for that degree. (See the Post-Graduate Courses of Study, which will be furnished on application to the Secretary of the Faculty.)

The usual Master's degree will be conferred three years after that of Bachelor upon such as pursue liberal studies.

DEGREES TO NON-RESIDENTS.

Occasionally persons of studious habits and scholarly pursuits who have not in earlier life, completed a Course of Study in any college, desire, nevertheless, to obtain a degree which will properly represent their attainments. To meet this desire, the appropriate degree is offered to any person not less than twenty-eight years of age, who gives evidence on examination that he has fully mastered any course of study in the College of Liberal Arts or the College of Fine Arts. No substitutions which would lower the required standard of scholarship will be allowed. The work described must be thoroughly accomplished.

Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before commencement. The charge for such examination will be the same as for one year's tuition, with the usual graduation fee.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of \$5.00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees, (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used,) are \$20.00 per term; to sons and daughters of clergymen, \$10.00.

When a student is struggling to secure an education, dependent upon his own resources alone, the University will, *if it should appear to be necessary, to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving College. Fee for graduation \$20.00.

In the Medical College, the charges are: One term, \$65; The Year, \$100; Graduation, \$25.00. The fee for the third year to students who have fully paid for the first and second years, is \$50.00.

In the College of Fine Arts, the charges are: Tuition, \$100 a year (or \$33 $\frac{1}{3}$ a term); Graduation, \$20.00.

Term bills must be paid or secured at the opening of each term.

No degree will be conferred until all College bills are settled.

Board, with furnished room, can be obtained in the city for from \$3.75 to \$5.00 per week. Many students board in clubs at a cost of \$2.00 to \$2.50 per week and others rent rooms and board themselves at a still less expense.



COLLEGE OF LIBERAL ARTS.

TERMS.

The Collegiate year begins on the third Monday in September, and the first three days are devoted to examinations for entrance. The first term, consisting of fourteen weeks, ends on the Friday before Christmas, and is followed by a vacation of two weeks. The remainder of the Collegiate year is divided into two terms without an intervening vacation. The Second Term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT is held on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time; on passing the requisite examinations. Absence from any regular class exercise, or appointed duty, cannot be allowed without a satisfactory excuse.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and is intended to afford a thorough training in the classical languages and literature and mathematics. It introduces also the study of modern languages and sciences in proper proportion.

The Latin Scientific Course is substantially identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Greek-Scientific Course is the same as the Latin-Scientific Course, except that Greek stands in the place of Latin.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

The Course of Civil Engineering is intended to give the student such instruction in the theory and practice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one third of the student's time is devoted to subjects of his own selection, within a certain range; in the Senior year, the range of selection is somewhat larger.

The average number of recitations per week, required of each student, is sixteen; this does not include the rhetorical exercises, which are also required in all the courses of study.

CONDITIONS OF ADMISSION.

I. CLASSICAL COURSE.

Candidates for admission to the Freshman Class are required to pass a written examination in the following studies :

(1.) ENGLISH GRAMMAR.—Kerl's *Comprehensive*, entire, or its equivalent.

(2.) GEOGRAPHY.—*Modern Geography*, Physical and Civil and *Ancient Geography*, particularly that of Italy, Greece, and Asia Minor, as given in Allen's *Classical Hand Book*, or Baird's *Manual*.

(3.) HISTORY.—*United States History*, from the discovery of America to the close of the War of 1812. Merivale's *History of Rome*, first twenty-five chapters. Smith's larger *History of Greece*, the first fourteen chapters.

(4.) MATHEMATICS.—*Arithmetic*, entire. *Algebra*, Fundamental Rules, Fractions, Simple Equations, Elimination, Involution and Evolution, and the Calculus of Radicals, as treated in Robinson's New University Algebra, or its equivalent. *Plane Geometry*, the first five books of Davies' Legendre, or their equivalent.

(5.) NATURAL PHILOSOPHY.—Dr. J. Dorman Steele's Text Book, or its equivalent.

(6.) LATIN.—*Latin Grammar*; Four Books of *Cæsar's Commentaries*; Four Orations of *Cicero against Catiline*; *Sallust's Catiline*; Six Books of the *Æneid*, with special reference to the Prosody; Allen & Greenough's *Latin Composition*, part 1st complete. The requisite amount of Roman History and of Latin Prose should in no case be omitted, as the College Course begins in each at the point indicated.

(7.) GREEK.—Goodwin's *Greek Grammar*; Three Books of *Xenophon's Anabasis*; Two Books of the *Iliad*.

Certificates of having passed the Regents' Examination for the State of New York will be accepted for the preparatory studies which they cover.

2. LATIN-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Greek.

3. GREEK-SCIENTIFIC COURSE.

Candidates are examined in the studies required for the Classical Course, excepting the Latin.

4. SCIENTIFIC COURSE.

Candidates for the Scientific Course are examined in the studies named in (1); (2), except Ancient Geography; (3), except Ancient History; (4); (5); and in one of the Latin Authors named in (6).

5. COURSE IN CIVIL ENGINEERING.

Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course, except Latin.

Any who do not desire to complete either of the regular courses of study, may take selected studies and recite in such classes as their qualifications will permit. They will be expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

Candidates for advanced standing are examined in the studies previously pursued by the classes which they propose to enter, or must give evidence that they have pursued an equivalent amount of study. Certificates of good character will be required.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1884 as follows: In *Latin*, Monday, June 23; in *Mathematics* and *Greek*, Tuesday, June 24; in other preparatory studies, Wednesday and Thursday, June 25 and 26. They will also be held in the same order on Monday, Tuesday and Wednesday, September 15, 16 and 17.

The examination will begin at 9 A. M. of each day.

TREATMENT OF SUBJECTS.

I.—ENGLISH LITERATURE.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While text books are retained and used, much of the instruction is given by familiar lectures.

FRESHMAN YEAR.

- 2nd Term. English Literature to the Middle of the Eighteenth Century.
Collyer's History of English Literature is the text • book.

SENIOR YEAR.

- 2nd Term. Later English, and American Literature.
 Text-book,—*Nichol's Landmarks of English Literature*.
 The subject of American Literature is taught by lectures.
 (Elective.)—Lectures on Style, Composition and English Classics.

2.—LATIN LANGUAGE AND LITERATURE.

Two text-books are used throughout the course, viz:

Latin Grammar—Harkness' Standard—is the constant reference manual.

Latin Analysis—Smalley—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

FRESHMAN YEAR.

- 1st Term. Cicero, Cato Major and Lælius.
 Prose Composition.
 Roman History, Merivale.
 During this and the following term, Latin Syntax and Etymology is carefully reviewed, the student committing, in Syntax, illustrative sentences.
- 2d Term. Livy, Book I or XXI.
 Prose Composition.
 Roman History.
 Frequent exercise in writing accurate and elegant translations of Livy.

3d Term. Juvenal's Satires.

Written translations of Juvenal, and exercises in reading Latin at sight.

Roman History.

Essay on the Roman Satirists.

SOPHOMORE YEAR.

2d Term. Horace, Selections from the Odes, Epodes, Satires and Epistles.

Roman History completed.

Essays on Roman life, customs, dress, buildings, utensils, economy, etc, etc.

In this term, Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR.

1st Term. Tusculanæ Disputationes, 1st Book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the Soul.

Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of Ancient Philosophers, and to give a connected view of the schools which were the source of his Eclecticism.

2d Term. (Elective.) Either of the following:

Tacitus, Germania and Agricola, or Champlin's Selections.

Lucretius, De Rerum Natura.

Quintilian, Institutiones Oratoriæ. Books X and XII.

Horace, Ars Poetica and Epistles.

Plautus or Terence.

3d Term. Selections from the minor poets, Catullus, Tibullus Propertius, etc.

Latin Literature, Bender.

SENIOR YEAR.

1st Term. (Elective.)

Roman Literature, Browne's also Crutwell's, with Lectures on the origin and development of the Latin Language, and its early records and relics.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this Department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY and ARCHÆOLOGY is pursued not only for the intrinsic value of the subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR.

1st Term. Owen's Homer's Iliad, four books.
Goodwin's Greek Grammar.

2d Term. Demosthenes on the Crown.
Goodwin's Grammar.
Arnold's Greek Prose Composition.

3d Term. Demosthenes on the Crown, completed.
Arnold's Greek Prose Composition.

SOHHOMORE YEAR.

- 1st Term. Plato's Apology and Crito.
 Arnold's Greek Prose Composition.
 Goodwin's Moods and Tenses.
- 3d Term. Greek Tragedy.
 Goodwin's Moods and Tenses.

SENIOR YEAR.

- 2d Term. Greek Comedy.

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. From the very outset, through the entire course of instruction, the theoretical and practical methods are carried hand in hand. The time devoted to these languages is divided between tracing their philological features and their relations to other cognate languages, pursuing various practical exercises in conversation and writing, and the study of classical, scientific and artistic literature.

In the German language, the first year is devoted to Comfort's German Course and First German Reader; the second year to the same author's larger German Reader, and Manual of German Conversation, and to the reading of portions of Weber's History of German Literature, and of William Tell and other classic dramas.

In the French language, the first year is devoted to Havet's French Manual, the Student's French Grammar and to the reading of about fifty pages of DeFiva's French Reader; the second year to reading Drury's History of France, Demogeot's History of French Literature, and various works of the classic drama.

In the Italian language, Cuore's Grammar is employed, and Giudici's Italian Literature, and various classical dramas are read.

5.—MATHEMATICS.

FRESHMAN. — *Algebra* — Quadratic Equations — Calculus of Radicals — Theory of Indeterminate Co-efficients —

—Binominal Theorem and its application to the development of Functions—Theory and use of Logarithms—Elements of the Theory of Equations—and Horner's Method of Solving Higher Equations. The text-book used is Wentworth's Complete Algebra.

Geometry—Regular Polygons—Measurement of the Circle—Maxima and Minima of Plane Figures—Solid and Spherical Geometry—using Wentworth's work.

SOPHOMORE.—*Trigonometry* (Schuyler's) Plane and Spherical—*Land Surveying* (Schuyler's) with exercises in the field.

Analytic Geometry—(Bowser's)—Construction of Equations—Production of Equations of Plane Loci—Transformation of Co-ordinates—Properties of the Conic Sections.

Calculus—(Bowser's) *Differential*: Differentiation of Functions of a Single Variable—Maclaurin's and Taylor's Theorems with Binominal Theorem and Theory of Logarithms deduced—Maxima and Minima of Functions of a Single Variable—Evaluation of Indeterminate Forms. *Integral*: Elementary Forms—Binominal Differentials—Rectification and Quadrature of Plane Curves—Cubature of Volumes of Revolution.

JUNIOR.—*Mechanics* (Peck's University Edition) Elective in the Classical and Latin Scientific Courses, required in the Scientific Course—Composition of Forces—Centre of Gravity—Problems in Construction—Discussion of Machines—The Pendulum—Projectiles—Work—Composition of Rotations.

Astronomy—(Norton's Enlarged Work)—Required in all the Courses—Elementary Principles—Determination of Latitude, Longitude and Time—Precession—Aberation—Determination of the Elements of a Planet's Orbit—Eclipses, with the computation in full of an Eclipse of the Moon.

Students in the Course of Civil Engineering devote an addi-

tional term in the Junior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they attend to Railroad Engineering; the theory of strains as applied to the construction of bridges and roofs; project some original engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6.—CHEMISTRY AND PHYSICS.

Instruction in Physics will be embraced in recitations and lectures, which, during the first term of the Sophomore year, is confined to the laws of solids, liquids and gases; the second term to Heat, and the third to Light and Electricity.

In Chemistry, which extends through the Junior year of each Course, the first term's instruction is devoted to the History of Chemistry, Chemical Philosophy, Stoichiometry and the Univalent elements. The lectures are illustrated by experiments and will be attended by thorough reviews and examinations.

Students in Analytical Chemistry are admitted to the Chemical Laboratory, and conduct with their own hands, a systematic course of analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in Chemical Technology, Blow-pipe examinations and Toxicological investigations.

7.—GEOLOGY, ZOÖLOGY AND BOTANY.

The subject of Physiology occupies the attention of students in all the Courses, through the first term of the Freshman year. Instruction is given in Structural and Systematic Zoölogy four hours a week during the second term, which the Scientific Sophomores are required to attend, and which is elective with Juniors in the Latin Scientific Course, and Seniors in the Classical Course. The method is chiefly by familiar lectures and conversations; but the student is also required to read such works as Agassiz and Gould's *Zoölogy*,

Milne-Edward's *Zoölogie* (or the one in Knox's translation), and Tenney's *Natural History*. More advanced students in Zoölogy will use, in the laboratory, Coue's *Key to North American Birds*, Packard's *Guide to the Study of Insects*, and the Smithsonian Manuals on Mammals, Fishes, Insects and Land and Fresh Water Mollusca.

Botany is taken up in the third term by the Sophomores of the Latin-Scientific and Scientific Courses, occupying two hours a week. Instruction is given largely in the form of familiar lectures, but the student is required to read Gray's *Lessons in Botany*, or some equivalent. In Systematic Botany the student works with plant in hand, under the guidance of the instructor, and Gray's Manual is required for constant reference.

Geology is required three hours a week in all the courses during the first term of the Senior Year. The instruction during the first part of the term is directed largely to the data of the science, and is imparted in the form of familiar lectures, with suitable illustrations of various kinds. The work of the second part is a comprehensive and systematic review of the great doctrines of the science, leaving the less essential details in the background. In the geological laboratory, students sufficiently advanced will be permitted to handle the specimens exhibited in the museum, and engage in lithological and paleontological investigations. The text-book used in the general subject is Dana's *Manual*. Steele's *Fourteen Weeks in Geology* and Winchell's *Sketches of Creation*, or Dawson's *Story of the Earth and Man*, are recommended for general reviews. For more advanced students, Cotta's *Manual of Lithology*, Pickett's *Paleontology*, and other works will be recommended.

8.—HISTORY.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text-book.

FRESHMAN YEAR. Lectures are given on "Historical Propædeutics," in which the methods of historic study and writing are examined, and the necessary auxiliaries of History—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the 3d term, "Rawlinson's Ancient History," (except the portions on Greece and Rome,) is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

SOPHOMORE YEAR. During the 1st term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the Causes, Development and Consequences of the Crusades; the Medieval Literature, &c. During the 2d and 3d terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the 2d term, lectures are given on the "Comparison of French and English Government prior to 1789." Throughout the year, dissertations and portraitures of important historical characters are prepared by the students; also, the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS. The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall and to the great Revolutions of modern times, since these have a special charm for the general student, the statesman and the philosopher. The lectures on the "Philosophy of History" are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term,

and on the History of Fine Arts during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin Scientific Courses are required, and students in the Classical Course may elect, to attend the classes in the College of the Fine Arts for two hours a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the first term of the Sophomore year.

10.—RHETORIC, ENGLISH CRITICISM AND ELOCUTION.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous and consecutive throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style, including clearness, strength, precision, purity, propriety, harmony and unity. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no changes, corrections or additions at the hands of the printer. Instruction and exercises in formation of Essay Outlines are also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon Distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's "Chironomia," and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of Expression. In Orthoepy, the *preferred* pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshman and Sophomore years, are given and practiced six series of Physical Exercises for the following purposes respectively: (1) to expand the chest and

give symmetry to the form ; (2) to increase breathing capacity ; (3) to improve articulation ; (4) to regulate the “placing” of the voice by the vocal organs ; (5) to overcome habits of wrong attitude and gesture ; (6) to give flexibility preparatory to instruction in gesture.

The text-books used in English Criticism during Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

All essays and orations are to be written upon “essay paper,” omitting every alternate line ; the outline is to be placed upon the first page of each, and the whole to be properly tied. By a resolution of the Faculty, students may be debarred from all recitations, in case of negligence, until their rhetorical work is satisfactorily done.

The following is an outline of the work by years :

FRESHMAN YEAR. *English Criticism*.—The text-books used are *Spencer's Philosophy of Style*, and *Abbott's How to Write Clearly*. Aside from the text-book work, such instruction and exercises are given in *Punctuation* as the circumstances may demand.

Elocution.—During the first term the attention is mainly confined to the critical study of *English Vowel Sounds* according to the system of the late Prof. Bell. The second and third terms are devoted to instruction and practice in *Emphasis, Inflection* and *Tone Coloring*.

Essays.—Every Freshman is expected to present three original essays per term, of not less than five hundred nor more than seven hundred words each, on subjects assigned. These essays are carefully corrected and returned to the writers, who are expected to prepare to read them. Certain of the essays, selected by lot at the time of reading, are read each week before the classes in English Criticism and Elocution, where they are generally criticised as to delivery, etc. Faulty sentences taken from these essays at the time of their

correction, are discussed in the class in English criticism, with reference to the requisites of good style which they may lack.

SOPHOMORE YEAR.—*English Criticism*.—The work of this year, aside from the criticism of the essays in class, consists of the study of *Synonyms* and *Rhetorical Figures*.

Elocution.—The first and third terms are devoted to the study of Gesture; using *Bacon's Manual* as a textbook, and supplementing the same with the fundamental principles of the *Delsarte Philosophy*. The application of the Bell Vowel Table to words often mispronounced is continued.

Essays.—Every Sophomore is expected to present three original essays of not less than seven hundred nor more than one thousand words each, during each of the first and third terms. In the second term of this year, the preparation and delivery of three *Recitations* or *Declamations* is substituted for the essays. The Sophomore essays are read and criticised, and their faulty sentences discussed as are those of the Freshman year. The recitations and declamations are delivered before the class, or sections thereof, where their delivery is criticised generally. At the close of this year selections are made from those members of the class who then evince the most progress in this direction, to represent the class in a public *Elocutionary Rehearsal*.

JUNIOR YEAR. The class-work of this year consists, largely, in a critical study of the masterpieces of English and American oratory, as to their literary style, manner of delivery, etc., using *Cumnock's Choice Selections*. The work of the two previous years is continued.

Orations.—Every Junior is expected to prepare, rehearse, and deliver in chapel one original oration per term of not less than seven hundred words, at such dates as may be assigned.

SENIOR YEAR. Those members of the Senior class who so desire may pursue a line of work similar to that of the Junior year, with such variations as circumstances and the wishes of the class may determine. Opportunity will here be given for practice in extempore and forensic speaking.

Rhetoric.—During the second term of this year, the entire class takes up the study of the *Philosophy of Rhetoric*, using *Bain's Manual* as a text-book, with reference to the works of Kame, Campbell, etc.

Orations.—Every Senior is expected to prepare, rehearse, and deliver during the first two terms of the year, one original oration of at least one thousand words. These orations are delivered at “*Senior Exhibitions*” held in the college chapel on such evenings as may be appointed. During the Spring term, each Senior will prepare an oration of at least one thousand words, and selections will be made from these orations for delivery at Commencement. A careful record is kept of all rhetorical work performed during the four years, as to outlines, punctuation, style and delivery. The character of this record will be a prominent factor in determining the choice of Commencement speakers; and intentional or continual neglect of rhetorical work will be considered a forfeiture of Commencement privileges.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by Lectures and the use of text-books, to trace briefly the History of Mental Science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows :

JUNIOR YEAR. Second Term. Bowen's *Hamilton*.

Third Term. Bowen's *Hamilton* finished.

SENIOR YEAR. Second Term. Morell's *History of Modern Philosophy*.

Third Term. (Elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the Department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR. First Term. Calderwood's *Moral Philosophy*.

Third Term. Hopkins' *Evidences of Christianity*.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to attend religious worship regularly, at least once on the Sabbath.



PARALLEL COUSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required ; those in *Italic* are elective ; but a sufficient number must be elected to make sixteen exercises per week.

FRESHMAN YEAR.				
FIRST TERM.	CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
	Algebra, 4. <i>Physiology</i> , 2½. Latin, 5. Greek, 4. English Criticism, 1. Elocution, 1.	Algebra, 4 <i>Physiology</i> , 2½. Latin, 5. German, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. <i>Physiology</i> , 2½. Physical Geography, 2. German, 4. <i>Free Hand Drawing</i> , 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. <i>Physiology</i> , 2½. Physical Geography, 2. German, 4. <i>F. H. Drawing from Patterns</i> , 2, (4). English Criticism, 1. Elocution, 1.
SECOND TERM.	Algebra, 4. Latin, 4½. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4½. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physical Geography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physical Geography, 2. German, 3. <i>F. H. Drawing from Objects</i> , 2, (4). English Literature, 3. English Criticism, 1 Elocution, 1.
THIRD TERM.	Geometry, 5. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Physical Geography, 2. German, 4. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 5. Physical Geography, 2. German, 4. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—Continued.

SOPHOMORE YEAR.				
FIRST TERM.				
Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Perspective Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Descriptive Geometry, 5 English Criticism, 1. Elocution, 1.	
SECOND TERM.				
Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Zoölogy, 4. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Zoölogy, 4. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Zoölogy 4. German, 1. Physics, 3. Orthographical Projections, 2. English Criticism, 1. Elocution, 1.	
THIRD TERM.				
Calculus, 4. Modern History, 3. German, 4 Greek, 3. English Criticism, 1 Elocution, 1. <i>Surveying</i> , 4,	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. <i>Surveying</i> , 4. Architectural Drafting, 2, (4).	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. <i>Surveying</i> , 4. <i>Perspective Drawing</i> , 2, (4).	Calculus 4. Surveying, 4. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).	

PARALLEL COURSES OF STUDY.—Continued.

JUNIOR YEAR.				
FIRST TERM.	<p>French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. <i>German</i>, 3. <i>History of Eng. Revolutions</i>, 2. <i>Tribal Migrations</i>, $\frac{1}{2}$. <i>Free Hand Drawing</i>, 2, (4). <i>Hebrew</i>, 2</p>	<p>French, 2. Logic, 5. Chemistry, 2. Elocution, 1. <i>Calculus</i>, 4. <i>Tribal Migrations</i>, $\frac{1}{2}$. <i>American Revolution</i>, 1.</p>	<p>French, 2. Calculus, 4. Chemistry, 2. Topographical Drawing, 2, (4). <i>Elocution</i>, 1. <i>Logic</i>, 5. <i>Tribal Migrations</i>, $\frac{1}{2}$. <i>English Revolutions</i>, 2.</p>	
SECOND TERM.	<p>French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. <i>Mechanical Drafting</i>, 2, (4). <i>Latin</i>, 3. <i>Anglo Saxon</i>, 1. <i>German</i>, 1. <i>Comparative Philology</i>, 2. <i>Hebrew</i>, 2.</p>	<p>French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. <i>History of French Rev.</i>, 2. Elocution, 1. <i>Anglo Saxon</i>, 1. <i>German Literature</i>, 2. <i>English Literature</i>, 5.</p>	<p>French, 4. Spherical Astronomy, 4. Chemistry, 2. Lettering, 2, (4). <i>Elocution</i>, 1. <i>Anglo Saxon</i>, 1. <i>German Literature</i>, 2. <i>Psychology</i>, 2.</p>	
THIRD TERM.	<p>French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. <i>Mechanics</i>, 5. <i>History of Education</i>, 1. <i>German</i>, 3. <i>English Tongue</i>, 2. <i>Architectural Drafting</i>, 2. <i>Hebrew</i>, 2. <i>Botany</i>, 2. <i>Greek Comedy</i>, 3. <i>Physics</i>, 3.</p>	<p>French, 3. Chemistry, 2. Psychology, 2. Elocution, 1. <i>Mechanics</i>, 5. <i>History of Education</i>, 1. <i>German Literature</i>, 2. <i>English Tongue</i>, 2. <i>Analytical Chemistry</i>, 2, (4). <i>Physics</i>, 3.</p>	<p>French, 3. Chemistry, 2. Mechanics, 5. Isometrical Projection, 2, (4). Geodesy, 2. <i>Elocution</i>, 1. <i>Psychology</i>, 2. <i>History of Education</i>, 1. <i>German Literature</i>, 2. <i>English Tongue</i>, 2. <i>Analytical Chemistry</i>, 2, (4). <i>Physics</i>, 3</p>	

PARALLEL COURSES OF STUDY.—Continued.

SENIOR YEAR.	PARALLEL COURSES OF STUDY.—Continued.			
	FIRST TERM.			
	SECOND TERM.			
THIRD TERM.	<p>Moral Philosophy, 4. Geology, 3. Esthetics, 1. <i>Political Economy</i>, 3. <i>Jurisprudence</i>, 3. <i>French Literature or Italian</i>, 2. <i>Greek Literature</i>, 2. <i>Analytical Chemistry</i>, 3, (6). <i>American Revolution</i>, 1. <i>Hist. of Hist. Writings</i>, $\frac{1}{2}$. <i>Roman Literature</i>, 2.</p>	<p>Moral Philosophy, 4. Geology, 3. Esthetics, 1. <i>Political Economy</i>, 3. <i>Jurisprudence</i>, 3. <i>French Literature or Italian</i>, 2. <i>Analytical Chemistry</i>, 3, (6). <i>Hist. of Hist. Writings</i>, $\frac{1}{2}$.</p>	<p>Moral Philosophy, 4. Geology, 3. Strength of Materials and Engineering Construction, } 5. Linear Perspective, 2, (4). <i>Moral Philosophy</i>, 4. <i>Esthetics</i>, 1 <i>Political Economy</i>, 3. <i>Jurisprudence</i>, 3. <i>French Literature or Italian</i>, 2. <i>Analytical Chemistry</i>, 3, (6). <i>American Revolution</i>, 1. <i>Hist. of Hist. Writings</i>, $\frac{1}{2}$.</p>	<p>Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, } 5. Linear Perspective, 2, (4). <i>Moral Philosophy</i>, 4. <i>Esthetics</i>, 1 <i>Political Economy</i>, 3. <i>Jurisprudence</i>, 3. <i>French Literature or Italian</i>, 2. <i>Analytical Chemistry</i>, 3, (6). <i>American Revolution</i>, 1. <i>Hist. of Hist. Writings</i>, $\frac{1}{2}$.</p>
	<p>Art History, 1. Hist. of Philosophy, 3. English Literature, 5. Philosophy of History, 1. <i>Rhetoric</i>, 2. <i>French Literature or Italian</i>, 2. <i>German Literature</i>, 2. <i>Zoology</i>, 4. <i>Const. History of England</i>, 2. <i>Analytical Chemistry</i>, 2, (4). <i>Hist. of French Revolution</i>, 2 <i>Greek Tragedy</i>, 3. <i>International Law</i>, 2.</p>	<p>Art History, 1. History of Philosophy, 3. Philosophy of History, 1. <i>Rhetoric</i>, 2. <i>French Literature or Italian</i>, 2. <i>Const. History of England</i>, 2. <i>Analytical Chemistry</i>, 2, (4). <i>International Law</i>, 2.</p>	<p>Bridges and Roofs, 4. Shades and Shadows, 2, (4). <i>Art History</i>, 1. <i>History of Philosophy</i>, 3. <i>Philosophy of History</i>, 1. <i>Rhetoric</i>, 2. <i>French Literature or Italian</i>, 2. <i>Const. History of England</i>, 2. <i>Analytical Chemistry</i>, 2, (4). <i>French Revolution</i>, 2. <i>English Literature</i>, 5. <i>International Law</i>, 2.</p>	
	<p>Art History, 1. Christian Evidences, 5. Constitutional Law, 3. <i>History of Civilization</i>, 3. <i>German Literature</i>, 2. <i>Analytical Chemistry</i>, 3, (6). <i>Hist. of Civil Liberty</i>, 1. <i>Revs. of the 19th Century</i>, 3. <i>History of Philosophy</i>, 3.</p>	<p>Art History, 1. Christian Evidences, 5. Constitutional Law, 3. <i>History of Civilization</i>, 3. <i>Analytical Chemistry</i>, 3, (6). <i>History of Civil Liberty</i>, 1. <i>Revs. of the 19th Century</i>, 3. <i>Hist. of Philosophy</i>, 3.</p>	<p>Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Drawing with specifications, 5. THESIS. <i>Christian Evidences</i>, 5. <i>Art History</i>, 1. <i>Hist. of Civilization</i>, 3. <i>Hist. of Civil Liberty</i>, 1. <i>Revs. of the 19th Century</i>, 3. <i>Hist. of Philosophy</i>, 3. <i>Analytical Chemistry</i>, 3, (6).</p>	

COLLEGE OF MEDICINE.

This School was organized in 1872 as a department of the Syracuse University.

In June, 1875, it formally adopted a systematized course of instruction three years in length, and extended the College Year from five to nearly nine months.

It was the second School in the United States to adopt in full a graded course, together with an extension of the scholastic year to nearly double the usual length.

Attention is called to these two points—*Classification of studies and length of College Year.*

To students desiring to attain a thorough medical scholarship, superior facilities are offered at a moderate cost.

THE COURSE OF STUDY.

The studies of the FIRST YEAR, are Anatomy, Physiology, Chemistry, Microscopy, Histology and Botany.

SECOND YEAR; Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery, Pathology and Clinics.

THIRD YEAR; Therapeutics, Practice, Surgery, Obstetrics, Diseases of Children, Pathology, Gynecology, Forensic Medicine, Ophthalmology and Clinics.

THE COLLEGE YEAR.

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two Terms, nearly equal in length, with a vacation of about two weeks between them. There will also be a recess of one week at Christmas.

The First Term of the next College Year began Tuesday, October 2d, 1883, and will end on the first Friday of February, 1884.

The Second Term will commence on the fourth Tuesday of February, and end on the second Thursday of June, 1884.

First Year students receive practical instruction in Chemistry, including a course of Laboratory work extending through both terms.

Second Year students take a shorter course in purely medical Chemistry.

Prominence is also given to the course in Histology. Each First Year student receives practical instruction in the use of the Microscope, as applied to the examination of tissues and fluids, that cannot fail to be of the greatest service in subsequent practice.

Usually there are from two to four clinics weekly.

There are two good Hospitals in Syracuse—St. Joseph's and the House of the Good Shepherd.

Through the courtesy of the governing officers, both of these Institutions are open to the College for purposes of clinical instruction, and in each the Hospital Staff is made up in part of the clinical teachers.

The College Dispensary also furnishes patients for clinical observation. These three Institutions afford good clinical opportunities to the students of the Second and Third Years. Students of the First Year are not required or expected to attend upon bed-side instructions.

EXAMINATIONS, &c.

Students are divided into three classes, according to their proficiency and time of study.

The particular class to which a student belongs is determined by examination.

The regular examinations are held in the following order :

All students who join the School for the regular course, are

required to exhibit evidence of possessing a fair preliminary education.

Accordingly, students who do not bring evidence of scholarship from some acceptable source, will be examined in the branches of a common English education.

This preliminary examination will be held at the College on Tuesday evening, October 2d, at 7 o'clock.

Examinations will also be held near the beginning of each Term for those who may apply for advanced standing, or who may have failed in previous examinations.

At the close of each year in June, examinations occur in all the studies of the year. The result, with the average markings for the year, determines whether the student shall advance to the next year.

The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful.

Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either Term, but private examinations, for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a certain standard of proficiency.

Besides the Faculty examinations, candidates for the degree are examined orally by the College Censors.

The gentlemen comprising the Board of Censors are not members of the Faculty, but are appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements entitle them to.

Candidates for the Second Year will come prepared for examination on the vessels, nerves and organs in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's

Chemistry ; on the optical principles of the Microscope ; on Part 1 of Harris and Power's Manual for the Physiological Laboratory ; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and offer themselves for the degree at this School.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of M. D., the student must have attained his majority ; he must be of good reputation ; at least the last of three full years of medical study must have been spent here ; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from Schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation,	-	-	-	\$ 5 00
Practical Anatomy,	-	-	-	10 00
Tuition for the Year,	-	-	-	100 00
For either Term alone,	-	-	-	65 00
For Graduation,	-	-	-	25 00

The fee for the third year to students who have *fully* paid for the first and second years, will be \$50.00

Students in the Chemical Laboratory will be charged \$5.00 per Term for chemicals used.

Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, \$18.00 per Term for a single study.

Students from other departments of the University are not required to pay the matriculation fee.

The fees are to be paid within ten days after registration.

Notes are not received in payment of College dues.

No degree can be conferred, or certificate of time given, until all dues to the College are paid.

Graduates of this School have perpetual free admission.

Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and \$50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for \$3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

TEXT BOOKS.

ANATOMY—Gray; Quain.

PHYSIOLOGY—Foster; Dalton; Flint.

CHEMISTRY—Attfield.

PRACTICE—Flint; Niemeyer.

SURGERY—Hamilton; Agnew; Ashhurst.

MATERIA MEDICA—Bartholow.

OBSTETRICS—Playfair; Cazeau.

CHILDREN—Smith; Meigs & Pepper; Henoch.

FORENSIC MEDICINE—Guy; Taylor; Woodman & Tidy.

HISTOLOGY—Quain's Anatomy; Harris and Power.

PRIZES.

Hereafter two prizes are to be conferred annually by the College. The first is to be given to that student who shall have taken the highest average general grade for the entire three years of study.

The second to the one who may achieve the second rank in the general average for the three years.

SCHOLARSHIPS.

For \$500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from date of said certificate.

For \$1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the Registrar,

WM. T. PLANT, M. D.,

SYRACUSE, N. Y.



COLLEGE OF FINE ARTS.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is :

1. In the *Formative Arts*: Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art ; and
2. In the *Phonetic Arts*: Music, Oratory, Poetry and Belles-lettres Literature.

At present, courses of Instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as fast as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Course in Architecture will be examined in English Grammar, Geography, American history, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, Plane Geometry, and Free Hand Drawing, sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the Course in Painting will be examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing, sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the Course in Music will be examined in the same studies as to the Course in Painting, with the exception that two years of thorough and systematic study in Music will replace the two years in Drawing.

Special students, or those not proposing to graduate in either Course, may enter at any time and take up such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion will, in general, be coincident with those in the College of Liberal Arts. (See calendar.)

An Annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, will be held during the last week of each collegiate year.

An Annual Concert will be given by the students in Music, on the last Monday evening of the collegiate year.

Other concerts will be given from time to time during the year.

DEGREES.

Persons graduating in the Course in Architecture will receive the degree of *Bachelor of Architecture*; those in the Course of Painting, the degree of *Bachelor of Painting*; those in the Course of Music, that of *Bachelor of Music*. Special students may receive certificates of progress and proficiency.

Graduates in the above courses of study who shall pursue professional work for three years after graduation may receive the second or Master's degree upon the following conditions: The presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in the history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

For *expenses* see index.

COURSES OF STUDY.

The following Schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study will be allowed in any of the courses. But it will be required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

FIRST TERM.	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. Algebra, 4. German Language, 4.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 2. Chemistry, 2.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 1. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Patterns, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 2. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. Hist. of the Fine Arts in Outline 1. Modern History, 3. French Language, 4. Chemistry, 2.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 4. Shades and Shadows, 2. Geometry, 5. German Language, 4.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. Hist. of the Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 3. French Language, 3. Modern History, 3.	Modern Architecture, 1. History of Painting, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specification. Graduating Thesis.

COURSE IN PAINTING.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

FIRST TERM.	THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.			
	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. German Language, 4. Physical Geography, 2. Physiology, 2½.	Linear Perspective, 2. Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Nature, 3. Modeling, 3. Esthetics, 1. Chemistry, 2. French Language, 2.	Oil Painting, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archaeology, 1. History and Styles of Engraving, 1. Geology, 3. Italian Language, 2. Two Essays on Art.
	Linear Perspective, 3. Drawing from Patterns, 3. Shades and Shadows, 2. Drawing from Casts, 3. German Language, 3. Physical Geography, 2.	Linear Perspective, 2. Water Color Painting, 5. Artistic Anatomy, 2. Natural History, 4. Modern History, 3.	Oil Painting, 5. Drawing in Colored Crayons, 2. Drawing from Life, 2. Etching, 3. Hist. of the Fine Arts in Outline, 1. English Literature, 5. French Language, 4.	Oil Painting, 5. Decorative Art, 2. History of Sculpture, 1. Christian Archaeology and Symbolism in Art, 1. Rhetoric, 2. Italian Language, 2. Philosophy of History, 1. Two Essays on Art.
	Linear Perspective, 2. Shades and Shadows, 2. Drawing from Patterns, 3. Drawing from Nature, 3. German Language, 4. Physical Geography, 2. Ancient History, 2.	Drawing from Nature, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 4. Modeling, 3. Botany, 2. Modern History, 3.	Oil Painting, 5. Drawing from Nature, 3. Drawing from Life, 2. Hist. of the Fine Arts in Outline, 1. Photography, 2. French Language, 3.	Drawing from Nature, 5. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. History of Civilization, 3. Original Graduating Painting. Graduating Thesis.
SECOND TERM.				
THIRD TERM.				

COURSE IN MUSIC.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 2. Theoretical Rudiments, 2. Recital, 1. Physiology, 2½ Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2 Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Medieval History, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. Chords and Figuration, 1.	Polyphonic Forms of Musical Composition, 2. Cultivation of the Voice, 2. Violin, (Quartette Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. German Language, 2. Organ, 1. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2, Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 4. Modern History, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 3. Organ, 1. The Smaller Forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, (Solo Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. English Literature, 5. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. Modern History, 3. French Language, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. The Smaller Forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 1. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. Conducting, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Mus. Literature, 1. History of Civilization, 3. Graduating Thesis.

SUBJECTS AND METHODS OF INSTRUCTION
IN
ARCHITECTURE AND PAINTING.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon the arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are proficient and practical workers in their several departments. The students will have access to their studios and offices, and will have opportunity of witnessing works of art in process of completion by their hands or under their direction.

It will be the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, rather than with the purpose of moulding all after the same arbitrary method.

FREEHAND DRAWING.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for freedom and precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from among the best series that are employed in the various art schools of England, France and Germany. These include every variety of subjects, such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentation and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original designs is introduced in such variety, sequence and extent, as may be fitting to each individual student. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

ARCHITECTURAL DRAFTING.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of executed works and works in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Special instruction will also be given in the principles and practice of Decorative art in its special relations to Architecture, and of Landscape Gardening and Architecture.

OIL PAINTING.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting

than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction will be given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students will be left to develop originality and individuality of style, and to decide whether they shall devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or whether they shall divide their time between several of these branches.

LINEAR PERSPECTIVE.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

MODELING.

Instruction is given in all the processes of Modeling in Clay, of making Moulds, and of making Casts in Plaster. Prominence is given to Modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

ETCHING.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of Engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

PHOTOGRAPHY.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curricu-

lums. A photographic studio will soon be provided, furnished with all the latest improvements in the art. Meantime instruction will be given at the studio of the instructor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study appropriated to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures will be given upon the History of the Fine Arts in Outline, in which will be traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

CLASSICAL MYTHOLOGY AND ARCHÆOLOGY.

Courses of lectures are given upon the Mythology of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

CHRISTIAN AND MEDIEVAL ARCHÆOLOGY.

Courses of lectures are given upon Christian Archæology, in which will be traced the origin and development of symbolism and the illustration of Christian Doctrine in the fine arts; and upon the general principles of Medieval Archæology.

ESSAYS.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts, written upon paper of uniform size, to be preserved in the archives of the College.

ART LITERATURE.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

RELATED STUDIES.

The proximity of the College of Liberal Arts renders it possible to insert in the curriculums of this College, selections of such studies as are essential to the complete education of the architect and painter, both as an artist and as a person of general culture. The following studies have been thus added to one or more of the curriculums, as is shown on pages 71-73: *Mathematics*, Algebra, Geometry, Trigonometry and Surveying, Analytical Geometry, Calculus, Analytical Mechanics; *Natural Science*, Physics, Chemistry, Physiology, Natural History, Botany, Geology, Physical Geography; *Languages*, German, French, Italian; *History*, Ancient, Medieval and Modern, History of Civilization, History of Philosophy, Philosophy of History; *English Literature*; *Rhetoric*; *Elocution*. To a limited extent the equivalent in other studies having a direct relation to the Fine Arts may be substituted for a portion of the above studies.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

MUSEUM.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting and the industrial arts. A box of Minton's encaustic tiles has been presented by the American agents, Messrs. Coats & Miller, of New York. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture will be required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting will be equally required of the candidates in the Course in Painting.

LIBRARY AND READING ROOM.

As a nucleus to a Library of the Fine Arts, a number of valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. A number of the most important art journals are supplied to the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

ESTHETIC SOCIETY.

An "Esthetic Society" has been organized by students of the College, which holds meetings at stated times, for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are taken by the society amid the picturesque scenery which abounds in the environs and the vicinity of the city of Syracuse.

REMARKS ON THE METHOD OF INSTRUCTION IN MUSIC.

The Course of Study includes systematic and progressive instruction in the theory, the history and practice of music, arranged with a view to enable the student to become an accomplished teacher, performer and composer.

Any other instrument, as the Organ, Violin, Viola, Violoncello, Cornet or Clarionet, may be substituted for the Piano, after the Freshman year.

Vocal instruction may take the place of instrumental after the Sophomore year.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of Music, and which also have relation to general liberal culture. These are Physiology; Physics; Elocution; Rhetoric; English Literature; the French, German and Italian Languages; Ancient, Medieval and Modern History, and the History of Civilization; the Science of Esthetics, and the general history of all the Fine Arts. This is in accordance with the principle adopted in courses of study in Painting and Architecture in this College. The same latitude for substitution for these accessory studies, will be permitted as in those courses.

THE PIANO.

Lessons will be given on the piano in small classes with such private instruction as shall be deemed necessary to secure the best progress of the students.

The course is divided into Preparatory and Collegiate.

PREPARATORY DEPARTMENT.

This department is intended for students beginning piano and for those who are not sufficiently advanced to enter the collegiate classes. The course will embrace selections from the following studies :

FIRST YEAR. The first few weeks will be devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method 1st part, Köhler's Practical Piano School or Jaques Schmidt Erster Lehrmeister will be used. In connection with these, studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others will be given.

SECOND YEAR. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op 37, Book II; Loeschhorn op 65, Book III; Duvernoy op 120; Burgmüller op 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

COLLEGIATE COURSE.

Students desiring to enter this course who have prepared elsewhere will be required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

FRESHMAN YEAR. Heller op 47; Czerny or Köhler's School of Velocity; Bertini op 29 and 32; Loeschhorn Progressive Studies; Krause Trill Studies op 2; Doering op 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, also selections from the works of other masters suitable to this grade.

SOPHOMORE YEAR. Heller op 45 and 46; Czerny op 740, Books I and II; Bach 2 Voiced Inventions; Loeschhorn op 38; Köhler Arpeggio School op 186; Czerny Staccato and Legato Studies op 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurkas and Nocturnes together with works of Raff, Rheinberger, Bendel. Gade, Scharwenka, Moszkowsky and other modern composers.

JUNIOR YEAR. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op 70; Czerny Fingerfertigkeit, Books III and IV; Köhler Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

SENIOR YEAR. Chopin Etudes; Bach well tempered Clavichord; Tausig Daily Studies; Henselt Etudes; Saint Saens op 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt; Tschaikowski, etc. etc.

Students of this grade will have the opportunity of taking part in Ensemble playing.

THE VIOLIN.

For beginners, the 1st part of the Violin Schools by either Louis Schubert, Carl Henning or Hermann will be used, interspersed—if necessary—by very easy arrangements of melodious pieces for Violin with Piano accompaniment, such as: Melodien Sammlung by H. Urban, etc. etc.; Selections from easy Duettos for 2 Violins by Pleyel, Gebauer or Mazas. To be followed by Part II of Henning's Violin School, Baillot's Scales in two Octaves, or 1st part of Gradus ad Parnassum, by Jaques Dot; also easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano will be introduced as soon as practicable. Selections from the following will be made according to the gift and ability of the student: Dussek Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck (Part I of his 25 Studies for the Violin); Schradieck's Violin Technic; the Studies by Kreutzer and Rode; Concertos by Viotti or Rode; Solos by David

Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinié, Alard's 10 Etudes Artistiques op 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

THE VOICE.

This important branch of musical instruction will receive great attention. Students will be trained singly or in classes, and ample opportunity will be afforded in the classes for the individual student to observe the efforts of others, and to hear the criticisms of the Professor upon their exercises. The development of the same timbre or beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation will first receive attention.

Federlein's "Practical School of Voice Culture" will be employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panafka and others will be added, and the works of the best German, Italian and French song writers be interpreted as the student may become master of the most beautiful of instruments—the human voice.

THE ORGAN.

As the most practical method of preparing for the study of the Organ, the student will devote the first two years to practicing upon the piano. Until an organ is placed in the University Chapel, arrangements will be made for giving instructions upon an excellent Organ in one of the city churches.

THEORY OF MUSIC.

The theory of music embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue will be used. Instruction is given by lectures with abundant illustrations and explanations upon the blackboard, of which

the candidates for graduation will be required to make careful digests.

ORCHESTRAL PRACTICE.

As soon as it shall be found feasible, an orchestra will be organized, to meet at stated times, and practice sacred and secular music of a high character.

CHORUS SINGING.

The class for the practice of Chorus Singing for mixed voices meets once a week. Any student of the University may join this class. Compositions of sacred and secular character will be carefully practiced.

HISTORY OF MUSIC.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings will also be appointed for the classes, between the lectures.

RECITALS.

All students of Music are required to be present at the weekly Recitals, at which exercise every student is liable to be called upon to perform at least once each term. Critical remarks are made by the Professors, upon the merits of the pieces which are rendered, and their relations to other works by the same or other authors, as well as upon the merits or defects of the rendering by the student.

EUTERPE SOCIETY.

The students of Music have organized a "Euterpe Society," which meets fortnightly for mutual improvement in musical and social culture. In the meetings are interspersed the readings of essays and selections, and the rendering of musical selections by the members.

PROFESSIONAL CONCERTS.

Arrangements are frequently made whereby the students of Music can attend professional concerts, of which a large number are given in Syracuse, at reduced rates.

TEACHING.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience, under the supervision of the Faculty.



CALENDAR.

- 1884—January 7, *Monday* Winter Term begins.
 “ 31, *Thursday*, Day of Prayer for Colleges.
 February 1, *Friday*, First Term of the College of Medicine ends.
 “ 5, *Tuesday*, 8 P. M., Senior Orations.
 “ 26, *Tuesday*, Second Term of the College of Medicine begins.
 March 4, *Tuesday*, 8 P. M., Senior Orations.
 “ 27, 28, *Thursday, Friday*, Supplementary Examinations.
 March 31—April 2, *Monday,—Wednesday*, Term Examinations.
 April 8, *Tuesday*, Spring Term begins.
 May 1, *Thursday*, Seniors present their Commencement Orations.
 June, 11—13, *Wednesday,—Friday*, Final Examination of Seniors.
 “ 12, *Thursday*, Second Term of the College of Medicine ends.
 “ 13, *Friday*, Senior Vacation begins.
 “ 16, 17, *Monday, Tuesday*, Supplementary Examinations.
 “ 18—20, *Wednesday—Friday*, Term Examinations.
 “ 19, *Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
 “ 21, *Saturday*, 10 A. M., Annual Meeting of the “Faculty of the University.”
 “ 22, *Sunday*, 10 $\frac{1}{2}$ A. M., Baccalaureate Sermon.
 “ 23—25, *Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.
 1884—June 23, *Monday*, 9 A. M., Entrance Examinations—Latin.
 2 P. M., Class Day Exercises.
 8 P. M., Annual Musical Soiree.
 “ 24, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.

- 1884—June 24, *Tuesday* 10 A. M., Annual Meeting of Trustees.
 10 A. M., Annual Meeting of Alumni Association.
 2 P. M., Entrance Examinations—Greek.
 2½ P. M., Literary Meeting of Alumni Association in the chapel.
- " 25, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar.
 10½ A. M., Entrance Examinations—Modern Geography.
 2 P. M., Thirteenth Annual COMMENCEMENT.
- " 26, *Thursday* 9 A. M., Entrance Examinations—Natural Philosophy.
 10½ A. M., Entrance Examinations—United States History.
 Summer Vacation begins.
- Sept. 15—17, *Monday—Wednesday*, Entrance Examinations in the same order as in June.
- " 18, *Thursday*, Fall Term begins. Students assemble in chapel at 9.30 A. M.
- October 7, *Tuesday*, First Term of the College of Medicine begins.
- " 30, 31, *Tuesday, Wednesday*, Examination for Rank.
- November 11, *Tuesday*, 8 P. M., Senior Orations.
- " 27—29, *Thursday—Saturday*, Thanksgiving Recess.
- December 9, *Tuesday*, 8 P. M., Senior Orations.
- " 15, 16, *Monday, Tuesday*, Supplementary Examinations.
- " 17—19, *Wednesday—Friday*, Term Examinations.
- " 19, *Friday*, Fall Term ends. Holiday Recess begins.
- 1885—January 5, *Monday*, Winter Term begins.
- " 29, *Thursday*, Day of Prayer for Colleges.
- February 3, *Tuesday*, 8 P. M., Senior Orations.
- " 6, *Friday*, First Term of the College of Medicine ends.
- " 24, *Tuesday*, Second Term of the College of Medicine begins.
- March 3, *Tuesday*, 8 P. M., Senior Orations.
- " 26, 27, *Thursday, Friday*, Supplementary Examinations.
- " 30—Apr. 1, *Monday—Wednesday*, Term Examinations.
- April 7, *Tuesday*, Spring Term begins.

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